



AMENDMENTS

1. (amended) In a helmet for motorcycle riders and like applications, a circuit comprising:

light emitting means disposed on a rearward portion of the helmet;

[switching means] at least one primary axis accelerometer and at least one reference axis accelerometer, both accelerometers responsive to deceleration and  
operably coupled to the light emitting means; and

a power source operably coupled with the light emitting means and the accelerometers.

2. (deleted)

3. (deleted)

4. (deleted)

5. (deleted)

6. (deleted)

7. (twice amended) A circuit according to claim 1 further comprising light transmitting means extending through the helmet from the light emitting means to a position at the periphery of a forward portion of the helmet such that the light transmitting means is viewable by a wearer.

8. (deleted)

9. (amended) A circuit comprising:

a sensor portion adapted for sensing deceleration, the sensor portion further comprising at least one primary axis accelerometer and at least one reference axis accelerometer;

a light emitter portion for emitting light

a logic portion operably coupling the sensor portion and the light emitting portion for switching the light emitting portion based upon selected input from the sensor portion.

10. A circuit according to claim 9 wherein the circuit is affixed to headwear.

11. A circuit according to claim 9 wherein the circuit is affixed to a motorcycle helmet.

12. A circuit according to claim 9 wherein the circuit is affixed to a bicycle helmet.

13. (deleted)

14. (deleted)

15. (deleted)

16. (amended) A motorcycle helmet safety light system comprising:

a motorcycle helmet [further comprising];

a light circuit responsive to deceleration mounted on a rearward portion of the

helmet, the light circuit further comprising at least one primary axis accelerometer

and at least one reference axis accelerometer; and

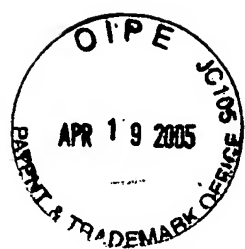
a self-contained power source affixed to the helmet and operably coupled to the light circuit.

17. (deleted)

18. (deleted)

19. (deleted)

20. (deleted)



AMENDMENTS

1. (amended) In a helmet for motorcycle riders and like applications, a circuit comprising:

light emitting means disposed on a rearward portion of the helmet;

at least one primary axis accelerometer and at least one reference axis accelerometer, both accelerometers responsive to deceleration and operably coupled to the light emitting means; and

a power source operably coupled with the light emitting means and the accelerometers.

7. (twice amended) A circuit according to claim 1 further comprising light transmitting means extending through the helmet from the light emitting means to a position at the periphery of a forward portion of the helmet such that the light transmitting means is viewable by a wearer.

9. (amended) A circuit comprising:

a sensor portion adapted for sensing deceleration, the sensor portion further comprising at least one primary axis accelerometer and at least one reference axis accelerometer;

a light emitter portion for emitting light

a logic portion operably coupling the sensor portion and the light emitting portion for switching the light emitting portion based upon selected input from the sensor portion.

10. A circuit according to claim 9 wherein the circuit is affixed to headwear.
11. A circuit according to claim 9 wherein the circuit is affixed to a motorcycle helmet.
12. A circuit according to claim 9 wherein the circuit is affixed to a bicycle helmet.
16. (amended) A motorcycle helmet safety light system comprising:
  - a motorcycle helmet [further comprising];
  - a light circuit responsive to deceleration mounted on a rearward portion of the helmet, the light circuit further comprising at least one primary axis accelerometer and at least one reference axis accelerometer; and
  - a self-contained power source affixed to the helmet and operably coupled to the light circuit.